



PRA RENCANA PABRIK
“Pabrik Magnesium Sulfat Heptahidrat dari Magnesium Oksida dan Asam Sulfat dengan Proses Netralisasi”

DAFTAR PUSTAKA

- Abadi,P.J.,2025. [Online] Available at:
<https://www.pjagresik.com/home/halaman/711186#:~:text=Pabrik%20Asam%20Sulfat%20dengan%20kapasitas,dengan%20kapasitas%20produksi%20200.000%20MTPY>[Accessed 11 Februari 2025].
- Atlas, W., 2024. *Weather Atlas*. [Online] Available at:
https://www.weatheratlas.com/en/indonesia/gresik-weather-may#climate_text_1
[Accessed 8 Mei 2026].
- Badger, W. L. & Banchero, J. T., 1955. *Introduction to Chemical Engineering*. 1st ed. Japan: McGraw-Hill Company.
- Bimantio, M. P., Oktavianty, H. & Widyasaputra, R., 2020. Perancangan Desain Portable Fixed-Bed Composite Adsorber Column sebagai Media Pemurnian Biodiesel dengan Sistem Packing Bed. *Teknik*, 41(3), pp. 253-260.
- BPK, R., 2021. *Peraturan Pemerintah Republik Indonesia No.7 Tahun 2021*, s.l.: Presiden Republik Indonesia.
- BPS, 2023. *Badan Pusat Statistik Kabupaten Gresik*. [Online] Available at: <https://gresikkab.bps.go.id/id/statistics-table/2/MjUxIzI=/jumlah-pencari-kerja-menurut-tingkat-pendidikan.html>
[Accessed 11 Februari 2025].
- BPS, 2025. *Data Ekspor dan Impor*. [Online] Available at: <https://www.bps.go.id/id/exim>
[Accessed 11 Februari 2025].
- Brownell, L. E. & Young, E. H., 1959. *Process Equipment Design*. 1st ed. New York: McGraw-Hill Company.



PRA RENCANA PABRIK

“Pabrik Magnesium Sulfat Heptahidrat dari Magnesium Oksida dan Asam Sulfat dengan Proses Netralisasi”

- Couper, J. R., Penney, W. R., Fair, J. R. & Walas, S. M., 2005. *Chemical Proses Equipment Selection and Design*. 2nd ed. United States of America: Elsevier Inc..
- Dean, J. A., 1972. *Lange's Handbook of Chemistry*. 15th ed. United States of America: McGraw-Hill.
- Demosthenous, M., Devos, S. & Hamez, K., 2015. *Magnesium Sulphate*. United State, US 9,073,797 B2.
- Dietz, T., 2020. *Filtration System and Method*. Atlanta, US 10,596,505 B1.
- Farnsworth, W. H., 1941. *Preparation of Magnesium Products*, 2231327A: US Patent.
- Foust, A. S. et al., 1960. *Principles of Unit Operations*. 1st ed. United States of America: John Wiley & Sons, Inc.
- Geankoplis, C. J., 1993. *Transport Processes and Unit Operations*. 3rd ed. New Jersey: P T R Prentice Hall Inc..
- Himmelblau, D. M. & Riggs, J. B., 1989. *Basic Principles and Calculation in Chemical Engineering*. 5th ed. New Jersey: Prentice Hall.
- Hougen, O. A., Watson, K. M. & Ragatz, R. A., 1945. *Chemical Process Pinciple*. 1st ed. London: John Willey & Sons Inc..
- Hugot, E., 1986. *Handbook of Cane Sugar Engineering*. 3rd ed. Amsterdam: Elsevier.
- Ibrahim, H. W., 2024. *Statistik Derah Kabupaten Gresik 2024*. 1st ed. Gresik: Badan Pusat Statistik Kabupaten Gresik.
- Indonesia, G. V., 2025. [Online]
Available at: <https://www.supplierbahankimia.net/product/magnesium-oxide-85-bahan-kimia-industri-7074726> [Accessed 11 Februari 2025].
- JIIPE, 2023. *Special Economic Zone*, Gresik: JIIPE.
-



PRA RENCANA PABRIK

“Pabrik Magnesium Sulfat Heptahidrat dari Magnesium Oksida dan Asam Sulfat dengan Proses Netralisasi”

Joshi, M. V., 1976. *Process Equipment Design*. 1st ed. India: The Macmillan Company.

Kemenperin, 2025. [Online] Available at:

https://tkdn.kemenperin.go.id/kapasitas.php?id=KKmPppuVpA8dWJyUTKPeugDbP5oQ1zayBpeVWh_DkAg,&pub=PuWof_o9nUINBBU7L3RZKVmOM-YJ--m5LkXlZPEolvY,&nama=TIHrOF3bvU_NCPk9Ud_5qoLWvMrEg-wFSoD6QBGFuM4 [Accessed 11 Februari 2025].

Kern, D. Q., 1965. *Process Heat Transfer*. 1st ed. Tokyo: McGraw-Hill Company.

Kirk, R. E. & Othmer, D. F., 2001. *Encyclopedia of Chemical Technology*, Vol.15: 4th ed.

Kusnarjo, 2010. *Ekonomi Teknik*. s.l.:s.n.

Ludwig, E. E., 1999. *Applied Process Design for Chemical and Petrochemical Plants Volume 1*. 3rd ed. United States of America: Gulf Publishing Company.

Lulu, 2023. *Putaran Permenit*. [Online] Available at: [Convert revolutions per minute \[rpm\] to meters per second \[m/s\] and vice-versa | \(lucidar.me\)](https://lucidar.me/), [Accessed 2 Juni 2025].

Manunggal, L., 2025. [Online] Available at:

<https://www.lewimanunggal.com/product/magnesium-oxide-light-konoshima-7088906> [Accessed 11 Februari 2025].

McCabe, W. L., Smith, J. C. & Harriott, P., 1993. *Unit Operations of Chemical Engineering*. 5th ed. Singapore: McGraw-Hill.

Mega, N. I., 2025. [Online] Available at:

<https://www.nusaindahmega.com/product/magnesium-oxide-p83584.aspx> [Accessed 11 Februari 2025].



PRA RENCANA PABRIK

“Pabrik Magnesium Sulfat Heptahidrat dari Magnesium Oksida dan Asam Sulfat dengan Proses Netralisasi”

O-Basf, 2020. *Product Data Sheet*, America: O-Basf.

Pemerintah, I., 2017. *Peraturan Menteri Kesehatan (Permenkes) Nomor 32 Tahun 2017 tentang Standar Baku Mutu Kesehatan Lingkungan dan Persyaratan Kesehatan Air untuk Keperluan Higenie, Sanitasi, Kolam Renang, Solusi Peraqua, dan Pemandian Umum*, Jakarta: Lembaran RI Tahun 2017.

Perry & Green, D. W., 2019. *Perry's Chemical Engineers' Handbook*. 9th ed. New York: Mc Graw Hill.

Perry, R. H., Green, D. W. & Maloney, J. O., 1997. *Perry's Chemical Engineers' Handbook*. 7th ed. United States of America: McGraw-Hill Companies.

Perry, Robert, H. & Green, D. W., 1997. *Chemical Engineering Handbook*, New York: McGraw-Hill.

Perry, Robert, H. & Green, D. W., 1997. *Perry's Chemical Engineers' Handbook*. 8th ed. New York: McGraw-Hill Company.

Peters, M. S. & Timmerhaus, K. D., 1991. *Plant Design and Economics for Chemical Engineering*. 1st ed. Singapore: McGraw-Hill.

Petrokimia, 2025. [Online] Available at: <https://petrokimia-gresik.com/news/petrokimia-gresik-suplai-36-ribu-liter-green-surfactant-untuk-optimalisasi-produksi-minyak-bumi-di-lapangan-walio-papua-barat#:~:text=Petrokimia%20Gresik%20saat%20ini%20memiliki,melimpah%20dan%20kualitas%20yang%20stabil> [Accessed 11 Februari 2025].

Rasmito, A., Asri, N. Y. & Suwarno, J., 2010. *Pembuatan Kristal Epsomite dari Air Tua*. Semarang, Seminar Reakayasa Kimia dan Proses.

Severns, W. H., Degler, H. E. & Miles, J. C., 1955. *Steam, Air, and Gas Power*. 5th ed. United States of America: John Wills & Sons, Inc.



PRA RENCANA PABRIK

“Pabrik Magnesium Sulfat Heptahidrat dari Magnesium Oksida dan Asam Sulfat dengan Proses Netralisasi”

Sitoresmi, A. R., 2025. *Liputan 6*. [Online] Available at:

<https://www.liputan6.com/hot/read/5182873/profil-pt-smelting-dan-sejarahnya-pabrik-peleburan-dan-pemurnian-tembaga?page=4> [Accessed 11 Februari 2025].

Smith, J. M., Ness, H. C. V., Abbott, M. M. & Swihart, M. T., 2005. *Introduction to Chemical Engineering Thermodynamics*. 8th ed. New York: McGraw-Hill Education.

Touloukian, Y. B. & Ho, C. Y., 1970. *Thermophysical Properties of Matter*. 1st ed. New York: Purdue University.

Ulrich, G. D., 1984. *A Guide Chemical Engineering Process Design and Economics*. 1st ed. Canada: John Wiley & Sons.

Willey, J. & Othmer, K., 1981. *Encyclopedia of Chemical Technology*. 3rd ed. New York: The Interscience Encyclopedia Inc..

Yaws, C. L., 1999. *Chemical Properties Handbook*. 1st ed. United States of America: McGraw-Hill.